



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4016-1-PO
Job Sheet 203029



Part No: D4016-1-PO
Part Name: Hinge Half, Base

Part Weight: 0 lbs
Job Created: 11/7/19
Due Date: 12/20/19
Type: Stock
Note: DWG D4016 Rev. B IPP Rev. A 18.08.21 Outsource METEC DP Verify DD
Ship Via:

Job Qty: 200 pcs
Status: New
Priority: Medium
Job Tracking No:
Created By: Patrick Lussier
Description:
Note: DWG D4016 Rev. B IPP Rev. A 18.08.21 Outsource METEC DP Verify DD

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	200 pcs	12/20/19	12/20/19	0.00	0.00	Purchasing - 1		 DEC 20 2019
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	200 pcs	12/20/19	12/20/19	0.00	0.00	Packaging 2 - 1 - B4B		 DEC 20 2019
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 -		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S242895

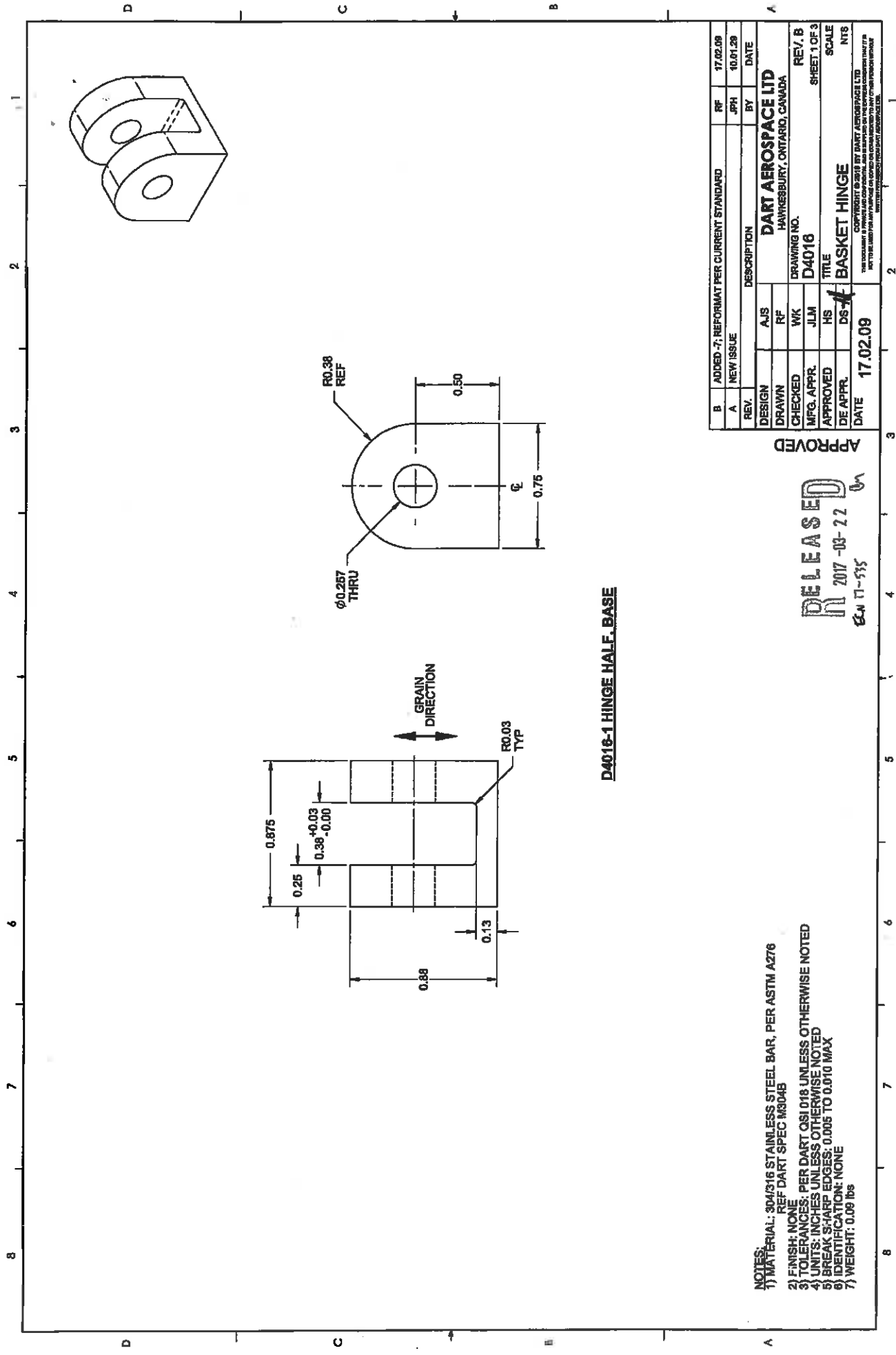
Part: D4016-1
Job No: 203029
Serial No/Batch: S242895
Revision: B
Inspector:
Exp Date:
Instructions:

Date: 12/20/19

Plex 11/7/19 1:37 PM dart.lussier.patrick

				B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
120 QC 6	200 pcs	12/20/19	0.00 0.00	QC 6 - 9	DAS
				QC 6 - 68	JAN 10 2020 68
				QC 6 - 61	9-89
				QC 6 - 40	
				QC 6 - 81	
130 Packaging 3-1 - Stock - B4B	200 pcs	12/20/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	MAC
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Plex 11/7/19 1:37 PM dart.lussier.patrick	

				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
Packaging 3 - 36 - B4B					
140 QC 21 - FG	200 pcs	12/20/19	0.00 0.00	QC 21 - FG - 21	21
				QC 21 - FG - 70	9.00
				QC 21 - SA - 53	
Part Op 100 - Issue P/O: <u>HB 045037</u> MANUFACTURE D4016-1 AS PER DWG Supplier: ATG Certificate of conformity is required ***DART TO SUPPLY MATERIAL*** 110 - (Receive & Inspect for Damage & Mat'l Certs) 120 - (QC6- All purchased or subcontracted products) 130 - (Identify as per dwg & Stock Location: <u>WA 004-6</u>) 140 - (QC21- Final Inspection - Work Order Release) <u>x 200</u> <u>Alon</u> <u>07 Nov 2019.</u>					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
D4016-1P	Hing Half, Base	200 Ea (1 ea)	100-Purchasing	<u>5242892</u>	
M304B1.000X1.000	304 Bar 1.00 X 1.00	16 ft (.08 ea)	100-Purchasing		
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Purchasing	D4016-1P	200	0	0	
	M304B1.000X1.000	16	25	0	
Part Specifications					
Specifications could not be found.					





Dart Aerospace Ltd.

1270 Aberdeen St

Hawkesbury, ON

K6A 1K7

Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045037



Supplier: ATG001-VC

A.T.G. Industries Inc

731 INDUSTRIELLE ROAD

ROCKLAND

ON

K4K 1T2 Canada

Phone: 613-446-4544

Fax: 613-446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street

Hawkesbury

ON

K6A 1K7 Canada

Phone: 613-632-5200

PO No: POHB045037

PO Date: 11/7/19

Due Date: 12/20/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items														
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	203029	D4016-1P	D4016 Rev.B			Hing Half, Base	Firmed	-	12/20/19	200 Ea	0 Ea	200 Ea	\$19.17/Ea	\$3,834.00
													DEC 20 2019	
													Grand Total:	\$3,834.00

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/7/19 1:45 PM dart.lussier.patrick



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919298

Date: 20-Dec-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

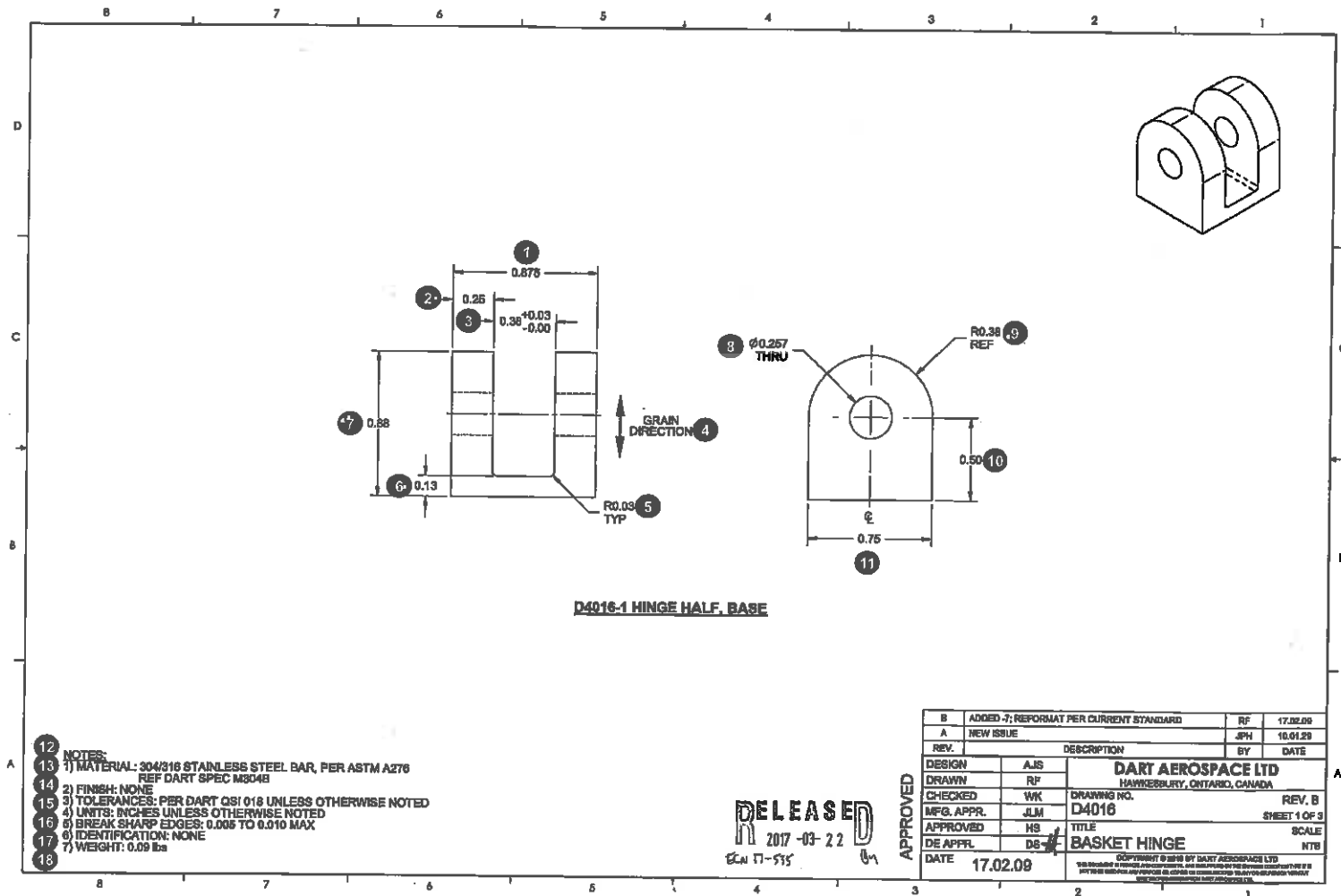
Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
Net 60		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
200 ea	Part: D4016-1P Hinge Half, Base Job: 26433 PO: POHB045037	Rev: B Line: 1	DAS 68 9-89
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>DEC 20 2019</u> Certified Signature: <u></u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. RECEIVED DEC 20 2019 DART AEROSPACE LTD. Made in Canada.			



RYERSON

Ryerson Canada, Inc.

DELIVERY RECEIPT
804572985

Page 1 / 1

Ship To:

ATG INDUSTRIES INC.
760, INDUSTRIELLE
ROCKLAND ON K4K 1T2
CANADA

Bill To:

ATG INDUSTRIES INC.
760, INDUSTRIELLE
ROCKLAND ON K4K 1T2
CANADA

Shipment date 11/20/2019
Shipment No. 9502038135
Account Number 10345024
Contact Name
Ship to Phone No. 1613/446-4544
Receiving Hours WE 0700 - 1200 & 1230 - 1600
Sales Rep Sophie Corriveau
Sales Rep Phone 450-510-4587
Sales Office 3076 - Ryerson - Vaudreuil

Load Ottawa 6h
Trailer Tony
Tractor 21 novembre 2019
Ship Terms PPD
Total Stop Items 1
Stop Gross Wgt. 80.000
Stop Net Wgt. 80.000
Total Packages 1

Del Item	Sales Order / Item No	Customer P.O.#	Your Ref	Ordered	ORD	Description	Shipd	Shipd
	10 15457194	20 20180708	000020			2 PC 1# SDR 304L HR ANNEALED X 12#	2.000	PC
						80.000 LB RL	80.000	LB

Production Order # 113818398

Handling Unit Qty Pcs Weight
1022082201 2 PC 80.000 LB
2 PC Total
Max Pkg: 3500 Pounds Unload: Forklift Side Unload

Test Report with Shipment

Customer Signature

Delivered By

RECEIVED
NOV 21 2019

Alloys of Aluminum, Copper, Steel Caution: Processing of this material may present a physical and/or health hazard. See material safety data sheets for further information.

WARNING: This product can expose you to chemicals including lead, nickel, cobalt, aluminum, cadmium, brass, carbon or copper which is known in the state of California to cause cancer, birth defects and other reproductive harm. For more information go to www.p65warnings.ca.gov.

RYERSON

ATG INDUSTRIES INC.
760 , INDUSTRIELLE
ROCKLAND ON K4K 1T2

Date: 20 décembre 2019
Our Order # 15457194-20
PO # 20190708 ✓

CERTIFICATE OF COMPLIANCE

*To whom it may concern,
This is to certify that the material supplied as below, conforms to the specifications as
outlined in your order above.*

Description of Material: 1" SQR 304L HR ANNEALED X 12' RL ✓

Number of pieces: 2 ✓

Tin # 4700736867

Lot # 279402 ✓



Authorized signature / Ryerson

200, rue du Cheminot
Vaudreuil-Dorion, QC J7V 5V5
T: 450.424.0153

 **DOCUMENT(S) REVIEWED**
DEC 23 2019
Accepted by: 



Acciaierie Valbruna s.p.a.

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Telefono 0444.988211 - Fax 0444.988936
Stab.: 36100 BOLZANO (Italia) - Via A. Volta, 4/57
Telefono 0471.924111 - Fax 0471.924497

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: EN 10204 (2004), 3.1 / ISO 10474 (2013), 3.1

Certificate nr. MEST388594 / 2019 /

Cliente / Besteller/Purchaser/Client
VALBRUNA CANADA LTD
8724 HOLGATE CRESCENT
L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Stato di fornitura: Hot rolled Descaled Annealed Hot
rolled
Lieferzustand
Delivery state
Etat de livraison

Produttore:
Hersteller/Hersteller production

ACCIAIERIE VALBRUNA S.P.A.

Ordine nr: 901007326 Stock - Canada
Bestell
Vorder
Commande

Tipo di Elaborazione: E+AOD
Erzeugnisart
Making process
Mode d'élaboration

Marchi di Fabbrica:
Zeichen des Lieferanten
Trade marks
Signes de l'usine productrice



Conferma ordine nr: EI19001022
Werk/Our OrderRef nr.

Qualità: 304/304L
Werkstoff/Grade/Qualities

Funzione del Collaudatore:
Stempel des Werkstoffprüfingen
Inspector's stamp/Préposé de l'analyseur

MR

Avviso di Spedizione: D-VI19009824
Lieferanweisung/Shipping InSL

Marche: AISI
Werkstoffbezeichnung
Brand / Nomme

Provenienza: 304/304L
Herkunft
Origine

SPECIFICHE

Notes

Abänderungen / Requirements / Edgences

Anforderungen / Notes / Notes

VSI D 304/304L A
AISI 304/304L
AMS 5638 J S30400 A
AMS 5647 K S30403 A
AMS-QQ-S-763 D 304/304L A
ASME SA182 2017 S30400/03 A (0)
ASME SA193 2017 B8 CLASS 1 (1)
ASME SA276 2017 S30400/03 A (2)
ASME SA320 2017 B8 CLASS 1 (3)
ASME SA479 2017 S30400/03 A (4)
ASTM A182 2018 S30400/03 A (5)
ASTM A193 2017 B8 CLASS 1
ASTM A262 2015 PRACTICE E
ASTM A276 2017 S30400/03 A
ASTM A314 2015 S30400/03
ASTM A320 2017A B8 CLASS 1
ASTM A370 2017
ASTM A479 2001 S30400/03 (6)
ASTM A479 2018 S30400/03 A
MIL-S-862 B/1 304/304L
NACE MR0103 2015 S30400/03 A (7)
NACE MR0175 2015 S30400/03 A (8)
QQ-S-763 F 304/304L A

(0)Section II Part A 2017 EDITION For products machined directly from bar refer to ASME SA479.

(1)Section II Part A 2017 EDITION

(2)Section II Part A 2017 EDITION

(3)Section II Part A 2017 EDITION

(4)Section II Part A 2017 EDITION

(5)For products machined directly from bar refer also to ASTM A479.

(6)Chemical analysis only.

(7)ANSI/NACE MR0103/ISO 17945 November 25, 2015

(8)ANSI/NACE MR0175/ISO 15156-3, third edition November 23, 2015

Tolleranza: ASTM A484-18A TABLE 3

Tolerances/Allowances/Tolérances

Pos. nr. Pos. nr. No. de poste	Oggetto Objet Produit description Design. de produit	Dimensioni - in Abmessungen Dimensions Dimensions	Lunghezza - in Länge Length Longueur	Colata Schmelze Heat Casting	Pezzi Stücke Pieces Pieces	Peso - LB Gewicht Weight Poids	Lotto nr. Lose Lot no. Lote
0020	Square	1,0000 x 1,0000	144/ 157	279402		2.423	901509130

Vicenza, 29/03/19
VOC008 - MEST388594

(Mod. MCE2) www.valbruna.it

Il collaudatore di stabilimento / der Werkstoffprüfingen / Works Inspector / L'Agent d'usine

M. RIZZOTTO

Pagina - 1 di 3



Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Telefono 0444.988211 - Fax 0444.988338
Stab.: 36100 BOLZANO (Italia) - Via A. Volta, 4/37
Telefono 0471.924111 - Fax 0471.924487

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: EN 10204 (2004), 3.1 / ISO 10474 (2013), 3.1

Certificato nr. MEST388594 / 2019 /
Prüfung/Inspektion

Clients / Besteller/Käufer/Klient
VALBRUNA CANADA LTD
6724 HOLGATE CRESCENT
L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Stato di fornitura: Hot rolled Descaled Annealed Hot rolled
Lieferzustand
Delivery state
Etat de livraison

Produttore:
Hersteller/Hersteller/Hersteller

ACCIAIERIE VALBRUNA S.P.A.

Ordine nr: 901007326 Stock - Canada
Bestell
Your order
Commande

Tipo di Elaborazione: E+AOD
Erzeugnisart
Melting process
Mode d'élaboration

Marchi di Fabbrica:
Zeichen des Unternehmens
Trade marks
Sigles de l'usine productrice



Conferma ordine nr: EI19001022
Werkauf/Order Confirmation

Qualità: 304/304L
Werkstoff/Grade/Qualität

Funzione del Collaudatore:
Stempel des Werkzeugschweißingen
Inspector's stamp/Polymen de l'essayeur

MR

Avviso di Spedizione: D-VI19009624
Lieferanweisung/Shipping Instruction

Marca: AISI
Markenbezeichnung
Brand / Marque

Funzione nr: 304/304L
Kurzbezeichnung
Short name
Marquage

TEST ALLO STATO DI FORNITURA											
Test on delivery condition / Prüfung auf lieferbarem Produkt / Test à l'état de fourniture / Prueba sobre el material así como entregado											
1) Längsmechanische Eigenschaften, Transversaleigenschaften, oder Transversaleigenschaften											
TEST	Provenienza / Provenance Lieferanten / Suppliers Origine / Origine Materie / Matière Materie / Matière Materie / Matière	°F	°C	Snervamento Stressgrenze Yield stress Rp 0,2 % kcal	Snervamento Stressgrenze Yield stress Rp 0,2 % kcal	Resistenza Zugfestigkeit Tensile strength Rm kcal	Allungamento Bruchdehnung Elongation A50 %	Strizione Bruchdehnung Reduction of area RA %	Resilienza Kerbschlagenergie Impact Value Joule	Durezza Härte Rockwell HB	
Valori richiesti		min	max	30	-	75	40	50	-	140	
Adempimento/Compliance values Vollendung/Completion				42	-	115	60	70	-	223	
A	12,5	68	L	42	-	87	60	70	-	177	

TEST ALLO STATO DI FORNITURA			
Test on delivery condition / Prüfung auf lieferbarem Produkt / Test à l'état de fourniture / Prueba sobre el material así como entregado			
TEST	min	max	
A Grain size for ASTM E112			8

Mechanical properties according to ASTM A370.

Analisi chimica													
Chemische Zusammensetzung/Chemical Analysis/Analyse chimique													
Colore / Heat	min	max	1,00	2,00	15,00	1,00	1,00	8,00	0,030	0,030	0,100	-	-
Chemical/Qualität	max	0,030	1,00	2,00	20,00	1,00	1,00	10,00	0,030	0,030	0,100	-	-
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %		
279402	0,019	0,39	1,72	18,35	0,44	0,40	8,05	0,148	0,032	0,026	0,094		

Corrosion test in 18% sulfuric acid and copper sulfate solutions							
Test standard: ASTM A262-Practice E							
Test	Heat treatment before test	Length of Period (h)	Test temp (°C)	Bend Angle (°)	Ø spindle (mm)	Result of visual inspection at 20 x magnification after bend test	Result
Intergranular corrosion	Sensitization	15	boil	180	5	Absence of cracks	SATISFACTORY

Produced without class I-II Ozone depleting substances.
Solution heat treated free from continuous carbide network.
Annealing temperature: 1940° F for 1 h/water.
Micro and macro etch test: OK
Reduction ratio = 50,2 : 1
Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind E. Anlage erfüllt
The material has been finished in accordance with the requirements
Le matériel a été traité conforme aux exigences

Controllo antimiscelazione: OK
Verwechslungsprüfung: spezialanalytisch durchgeführt
Anmischungstest: OK
Gesteine: spezialanalytisch durchgeführt

Controllo visivo e dimensionale: soddisfa le esigenze
Bauartprüfung und Abmessung: ohne Beanstandung
Visual inspection and dimensional check: satisfactory
Contrôle visuel et dimensionnel: satisfait

Vicenza, 29/03/19
V00008 - MEST388594
(Mod. MCE2)

Il collaudatore di stabilimento / der Werkzeugschweißingen / Works inspector / L'agent d'usine

M. RIZZOTTO

Pagina - 2 di 3



Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della scienza, 28 z.l.
Telefono 0444.988211 - Fax 0444.988338
Stab.: 36100 BOLZANO (Italia) - Via A. Volta, 4/57
Telefono 0471.924111 - Fax 0471.924497

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: EN 10204 (2004), 3.1 / ISO 10474 (2013), 3.1

Certificato nr. MEST388594 / 2019 /
Prüfung/Teil: 388594

Cliente / Besteller/Purchaser/Cliet
VALBRUNA CANADA LTD
8724 HOLGATE CRESCENT
L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Stato di fornitura: Hot rolled Descaled Annealed Hot
Lieferzustand: rolled
Delivery state:
Etat de livraison:

Produttore:
Herstellereinheit/Unité productrice

ACCIAIERIE VALBRUNA S.P.A.

Ordine nr: 801007326 Stock - Canada
Bestell-
Your order
Commande

Tipo di Elaborazione: E+AOD
Erzeugungsart:
Melting process
Mode d'élaboration

Marchi di Fabbrica:
Zeichen des Lieferwerkes
Trade marks
Sigles de l'usine productrice



Conferma ordine nr: EI19001022
Werk/Our Order/Ref. nr.

Qualità: 304/304L
Vierstufen/Grade/Norme

Funzione del Collaudatore:
Stempel des Werkmeisters/Inspektionen
Inspector's stamp/Placeton de l'inspecteur

MR

Avviso di Spedizione: D-VI19009624
Lieferanweisung/Fachung Brief/L.

Marca: AISI
Markenbezeichnung
Brand / Norme

Funzionatura: 304/304L
Kernzeichnung
Marking
Marquage

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER ACCORDING TO ISO 9001 : 2015, IATF 16949 : 2016, AS 9100D

The Quality Management System is Certified acc. Pressure Equipment Directive 2014/68/EU Annex 1, chapt.4.8 by TÜV and LLOYD'S
Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.
Maxwell and/or Valplus grades/products are manufactured with ladle techniques to control composition, distribution, size and shape of non-metallic inclusions for improved machinability.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Vicenza, 29/03/19

V00008 - MEST388594

(Mod. MCE2)

Il collaudatore di stabilimento / Der Werkmeister/Inspektionen / Works Inspector / L'agent d'usine

M. RIZZOTTO

Pagina - 3 di 3

AS9102 First Article Inspection
Form 1: Part Number Accountability

1. Part Number D4016-1P	2. Part Name Hinge Half, Base	3. Serial Number	4. FAI Report Number 1143
5. Part Revision Level B	6. Drawing Number D4016-1	7. Drawing revision level B	8. Additional Changes n/a
9. Manufacturing Process Reference 26433	10. Organization Name ATG Industries Inc.	11. Supplier Code ATG001-VC	12. P.O. Number & Line Item POHB045037, Line 1
13. ☒ Detail FAI ☐ Assembly FAI	14. ☒ Full FAI ☐ Partial FAI: Baseline Part Number, revision level: Reason for partial FAI:		
a) If above part number is a detail part only, go to Field 19			
b) If above part number is an assembly, go to the "INDEX" section below.			
INDEX of part number or sub-assembly number required to make the assembly noted above.			
15. Part Number	16. Part Name	17. Part Serial Number	18. FAI Report Number
1) Signature indicates that all characteristics are accounted for; meet drawing requirements or are properly documented for disposition.			
2) Also indicate if the FAI is complete per Section 5.4: ☒ FAI Complete ☐ FAI Incomplete			
19. Prepared by: Rene Tougas		20. Date	December 19th, 2019
21. Reviewed by: Emily Louis-Seize		22. Date	December 20th, 2019
23. Customer Approval, if applicable:		24. Date	

Form 2: Product Accountability - Raw Material, Special Process, Functional Testing

AS9102 First Article Inspection
Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

1. Part Number D4016-1P			2. Part Name Hinge Half, Base		3. Serial Number -		4. FAI Report Number 1143	
Characteristic Accountability				Inspection / Test Results			Comments	
5. Char No.	6. Reference Location	7. Characteristic Designator	8. Requirement	9. Results	10. Designed Tooling	11. Non-Conformance Number		
1	C5	Major	.875	.875	Caliper			
2	C6	Minor	.25	.243	Calliper			
3	C6	Major	.038+.03/-00	.393	Caliper			
4	C5	Attribute	Grain Direction	Pass	Visual			
5	B5	Minor	R.03 TYP	.031	Radius Gauge			
6	B6	Minor	.13	.132	Caliper			
7	C6	Minor	.88	.882	Caliper			
8	C4	Major	Ø.257 thru	.257	Gauge Pin			
9	C3	Reference	R.38 Ref	.375	Radius Gauge			
10	B3	Minor	.50	.502	Caliper			
11	B3	Minor	.75	.750	Calipe			
12	A8	Attribute	Note 1. Material: 304/316 Stainless Steel bar, per ASTM A276. Reference Dart Spec M304B	Pass	Visual		PO #20190708	
13	A8	Attribute	Note 2. Finish: None	Pass	Visual			
14	A8	Attribute	Note 3. Tolerances: per Dart QSI 018 Unless otherwise noted.	Pass	Visual			
15	A8	Attribute	Note 4. Units: Inches unless otherwise noted.	Pass	Visual			
16	A8	Attribute	Note 5. Break sharp edges: .005-.010 Max	.007	Shadow Graph			
17	A8	Attribute	Note 6. Identification: None	Pass	Visual			
18	A8	Attribute	Note 7. Weight: .09 lbs	.086	Scale			
The signature indicates that all characteristics are accounted for; meet drawing requirements or are properly documented for disposition.								
12. Prepared by: Rene Tougas				13. Date: December 19th, 2019				

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AS9102 First Article Inspection
Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

Characteristic Accountability				Inspection / Test Results			Comments
5. Char No.	6. Reference Location	7. Characteristic Designator	8. Requirement	9. Results	10. Designed Tooling	11. Non-Conformance Number	